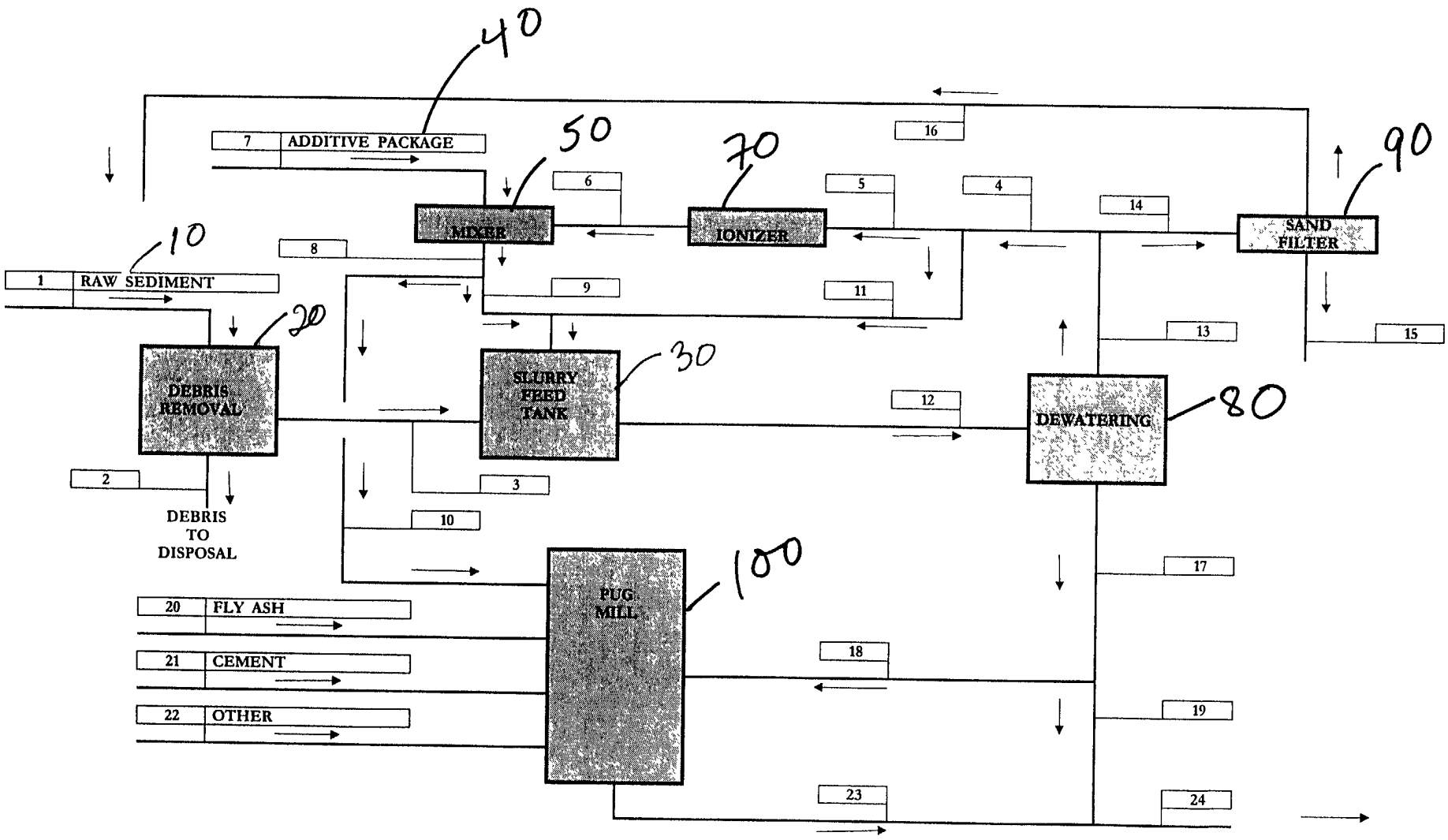
40
7 ADDITIVE PACKAGE
50
MIXER
70
IONIZER
90
SAND FILTER
16
6
5
4
14
10
1 RAW SEDIMENT
8
9
11
20
DEBRIS REMOVAL
SLURRY FEED TANK
30
13
15
12
DEWATERING
80
2
3
DEBRIS TO DISPOSAL
10
PUG MILL
100
17
20 FLY ASH
21 CEMENT
22 OTHER
18
19
23
24

Figure 1

STREAM	1	2	3	4	5	6	7	8	9	10	11	12
DESCRIPTION	RAW SEDIMENT FROM BARGE TO SITE	DEBRIS TO DISPOSAL	RAW SEDIMENT FROM BARGE LESS DEBRIS	TOTAL RECYCLE FILTRATE WATER	RECYCLE FILTRATE WATER TO IONIZER	IONIZED WATER FROM IONIZER TO MIXER	ADDITIVE PACKAGE TO MIXER	MIXER OUTLET	MIXER OUTLET TO SLURRY TANK	MIXER OUTLET TO PUG MILL	RECYCLE FILTRATE WATER TO SLURRY TANK	SLURRY FEED TO DEWATERING
	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR
DRY SEDIMENT	33,783.8	2,079.0	31,704 8	11.0	0.3	0.3		0.3	0.3	-	10.7	31,818.8
WATER	70,166.3		70,166.3	110,139.0	2,676.3						107,462.7	180,305.2
DECON CHEMICAL ADDITIVES:												
OXIDANT							79.3	79.3	79.3	-		
IONIZED WATER						2,676.3		2,676.3	2,676.3	-		
DEWATERING POLYMER							23.8	23.8	23.8	-		
BENEFICIAL USE ADDITIVES:												
FLY ASH												
CEMENT												
OTHER												
TOTAL	103,950.0	2,079.0	101,871.0	110,150.0	2,676.6	2,676.6	103.0	2,779.6	2,779.6	-	107,473.4	212,124.0
BULK DENSITY:												
STREAM, # / CF	77.0	80.0	76.9	64.0	64.0	64.0	65.5	65.5	65.5		64.0	69.6
VOLUME FLOW												
GPM	168.3		165.1	214.6	5.2	5.2	0.2	5.3	5.3		209.3	379.8
CY/HR	50.0	1.0	49.0	63.7	1.5	1.5	0.1	1.6	1.6		62.2	112.8
WT% SOLIDS	32.500%		31.122%	0.010%	0.010%	0.010%	100.000%	3.717%	3.717%		0.010%	15.000%
WT% WATER	67.500%		68.878%	99.990%	99.990%	99.990%	0.000%	96.283%	96.283%		99.990%	85.000%
WT% WATER / WT% SOLIDS * 100%	207.7%		221.3%									
OXIDANT, PPM OF DRY SEDIMENT												
POLYMER, # PER TON OF DRY SEDIMENT												
WATER REMOVED:												
GALLONS PER CY OF RAW SEDIMENT												
% OF RAW SEDIMENT VOLUME												
FLY ASH ADDED AS % OF DEWATERED SEDIMENT												
CEMENT ADDED AS % OF DEWATERED SEDIMENT												
FLY ASH ADDED IN # PER CY OF RAW SEDIMENT												
CEMENT ADDED IN # PER CY OF RAW SEDIMENT												

Figure 2(a)

STREAM	13	4	14	15	16	17	18	19	20	21	22	23	24
DESCRIPTION	TOTAL FILTRATE WATER	TOTAL RECYCLE FILTRATE WATER	PRODUCT FILTRATE WATER TO SAND FILTER	PRODUCT FILTRATE WATER FROM SAND FILTER	SEDIMENT CAPTURED ON SAND FILTER	DEWATERED SEDIMENT FROM DEWATERING	DEWATERED SEDIMENT TO PUG MILL	DEWATERED SEDIMENT TO BENEFICIAL USE	FLY ASH ADDED TO PUG MILL	CEMENT ADDED TO PUG MILL	OTHER ADDED TO PUG MILL	BENEFICIAL USE PRODUCT FROM PUG MILL	TOTAL BENEFICIAL USE PRODUCT
	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR	# / HR
DRY SEDIMENT	15.6	11.0	4.6	1.4	3.2	31,803.2	31,803.2	-				41,288.4	31,803.2
WATER	156,313.3	110,139.0	46,174.3	46,174.3	0.0	23,991.9	23,991.9	-				22,039.1	23,991.9
DECON CHEMICAL ADDITIVES:													
OXIDANT													
IONIZED WATER													
DEWATERING POLYMER													
BENEFICIAL USE ADDITIVES:													
FLY ASH									5,579.5				
CEMENT										1,952.8			
OTHER											-		
TOTAL	156,328.9	110,150.0	46,178.9	46,175.7	3.2	55,795.1	55,795.1	-	5,579.5	1,952.8	-	63,327.5	55,795.1
BULK DENSITY:													
STREAM, # / CF	64.0	64.0	64.0	64.0	100.0	92.4	92.4		45 0	90.0		84.5	89.2
VOLUME FLOW													
GPM	304.5	214.6	90.0	89.9	0.0	75.3	75.3		15.5	2.7		93.5	78.0
CY/HR	90.5	63.7	26.7	26.7	0.0	22.4	22.4		4.6	0.8		27.8	23.2
WT% SOLIDS	0.010%	0.010%	0.010%	0.003%	100.000%	57.000%	57.000%					65.198%	57.000%
WT% WATER	99.990%	99.990%	99.990%	99.997%	0.000%	43.000%	43.000%					34.802%	43.000%
WT% WATER / WT% SOLIDS * 100%													
OXIDANT, PPM OF DRY SEDIMENT													
POLYMER, # PER TON OF DRY SEDIMENT													
WATER REMOVED:													
GALLONS PER CY OF RAW SEDIMENT			107.9	107.9									
% OF RAW SEDIMENT VOLUME			53.45%	53.44%									
FLY ASH ADDED AS % OF DEWATERED SEDIMENT									10.00%				
CEMENT ADDED AS % OF DEWATERED SEDIMENT										3.50%			
FLY ASH ADDED IN # PER CY OF RAW SEDIMENT									111.6				
CEMENT ADDED IN # PER CY OF RAW SEDIMENT										39.1			

Figure 2(6)